NRO REVIEW COMPLETED

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SUBJECT:

Low Gamma Processing

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- a study of the reflective characteristics of various types of targets and its effect upon interpretation, is currently underway. The results of this study will undoubtedly influence the optimum processing objectives in the future.
- Results of the NPIC evaluation of the test photography processed to a low gamma, as compared to that processed normally, indicate there was no significant improvement or degradation due to low gamma processing. Several factors in the test may have biased the results thereof and limited the conclusions which could be drawn. These factors include the smallness of the sampling (80 usable ft. of film),

clearer atmospheric conditions than those normally encountered in the operational area, and the relatively high contrast of the targets utilized for the test.

NPIC considers processing to a lower gamma does offer promise and should be further investigated, however, the testing conducted to date is not thorough enough, nor sufficiently representative of conditions encountered in operational situations, to draw a firm conclusion or to commit a full mission (or large segment thereof) to low gamma processing.

Declass Review by NIMA / DoD

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Chief, Technical Intelligence Division

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